INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/012676

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 D01F9/127								
According to	International Patent Classification (IPC) or to both national classifica	ilion and IPC						
B. FIELDS								
Minimum do IPC 7	cumentation searched (classification system followed by classification D01F	n symbols)						
Documentat	on searched other than minimum documentation to the extent that so	uch documents are included. In the fields se	arched					
	ata base consulted during the International search (name of data bas ternal, WPI Data, PAJ	se and, where practical, search terms used						
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT							
Category *	Citation of document, with indication, where appropriate, of the rele	Relevant to claim No.						
X	US 2003/044603 A1 (HIGASHI TOMOYO AL) 6 March 2003 (2003-03-06) cited in the application paragraph '0016! examples	1-14, 16-18						
x	WO 03/027368 A (INOUE HITOSHI ; N TOSHIO (JP); OHSHIMA SATOSHI (JP) DENKO) 3 April 2003 (2003-04-03) example	1-14,17, 18						
A	WO 03/006726 A (CATALYTIC MATERIA 23 January 2003 (2003-01-23) examples 7,8	1-18						
Furi	her documents are listed in the continuation of box C.	χ Patent family members are tisted	In annex.					
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"A" document defining the general state of the art which is not considered to be of particular relevance "I" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention								
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"L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone which is clied to establish the publication date of another the document of particular relevances the claims.								
"O" document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docu-								
P docum	us to a person skilled							
	han the priority date claimed actual completion of the international search	*&* document member of the same patent Date of mailing of the international sea						
2	1 December 2004	30/12/2004						
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer						
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information on patent family members

Internal Application No PCT/JP2004/012676

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2003044603	A1 06-03-2003		JP 2003073930 A	12-03-2003	
			US	2004166048 A1	26-08-2004
WO 03027368	A	03-04-2003	JP	2003089930 A	28-03-2003
			EP	1451396 A1	01-09-2004
			WO	03027368 A1	03-04-2003
			US	2004241439 A1	02-12-2004
WO 03006726	A	23-01-2003	US	2002054849 A1	09-05-2002
			CA	2420004 A1	14-03-2002
			CA	2477198 A1	23-01-2003
			EP	1349808 A1	08-10-2003
			EΡ	1404907 A1	07-04-2004
			JP	2004277998 A	07-10-2004
			WO	0220401 A1	14-03-2002
			WO	03006726 A1	23-01-2003
			ÜS	2004071625 A1	15-04-2004